Attorney Docket No. 522.1921D2

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re P	atent Applicat	ion of:		ב כ			
Mayun	Mayumi TOMIKAWA et al.						
Applica	ation No.: Div	isional of 08/014,867	Group Art Unit: 2163	jc971			
Filed:	July 23, 2001	1	Examiner: Stamber, E.				
For:	AND EVALUATING MUTUALLY						
		INFORMATION DISCLO	SURE STATEMENT				
	ant Commissi Ington, D.C. 2	oner for Patents 20231					
patent	information w application. It	high the Examiner may consider	risions of 37 CFR §1.56, there is hereby provided material to the examination of the subject U.S. nake this information of record if it is deemed				
1.Encl	osures accompa	anying this Information Disclosu	re Statement are:				
	1a.	Form PTO-1449. Copies of IDS citations. An English language copy of application or a PCT Internat English language translation each non-English language per Explanations of Relevancy of providing a concise explanation of Copending Application	search report(s) from a counterpart foreign ional Search Report. (complete or relevant portion(s)) attached to				
_		ation Disclosure Statement is filed und	der 37 CFR §1.97(b):				
(Check	either Item 2a or	· 2b or 2c or 2d)	ii to a factorian application other than	2			
	2a. ⊠ 2b. □	Continued Prosecution Appl Within three months of the d \$1,491 in an international ap	late of entry of the national stage as set lorth oplication.				
	2c.	Before the mailing of a first of	Office Action on the merits; or Office Action after the filing of a Request for				

S&H Form: (2/01)

3.		This Information Disclosure Statement is filed under 37 CFR §1.97(c) after the period specified in paragraph 2 above but before the mailing date of a Final Office Action under §1.113, a Notice of Allowance under §1.311 or an action that otherwise closes prosecution in the application, AND						
(Che	eck eith referen	ier Item 3a or ice known for i	3b; Item 3b to be checked if more than 3 months)					
	ý	3a. 🗌 3b. 🗌	The §1.97(e) Statement in Item 5 below is applicable; OR The \$180.00 fee set forth in 37 C.F.R. §1.17(p) is: enclosed.					
			to be charged to Deposit Account No. 19-3935.					
4.		This Informa	ation Disclosure Statement is filed under 37 CFR §1.97(d) after period specified in paragraph 3 n or before payment of the Issue Fee, AND					
		4a. 4b.	The § 1.97(e) Statement in Item 5 below is applicable; AND The \$180.00 fee set forth in 37 C.F.R. §1.17(p) is:  ———————————————————————————————————					
			to be charged to Deposit Account No. 19-3935.					
5.			nder § 1.97(e) (applicable if Item 3a or Item 4 is checked)					
(Ch	ieck eit	her Item 5a or	In accordance with 37 CFR §1.97(e)(1), it is stated that each item of					
		5a. 📋	information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.					
		5b. 🗌	In accordance with 37 CFR §1.97(e)(2), it is stated that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known by any individual designated in §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.					
6.	$\boxtimes$		ntinuation/divisional/continuation-in-part application under 37 CFR §1.53(b).					
$(C_i)$	heck ap	propriate Iten	as 6a and/or 6b)					
		6a. 🛚	Copies of the publications listed on the attached Form PTO-1449 which were previously cited in prior application Serial No. 08/014,867, filed on February 8, 1993, and which is relied on for an earlier effective filing date for the subject application under 35 U.S.C. §120, have been omitted pursuant to 37 CFR §1.98(d).					
		6b. 🗌	Copies of the publications listed on the attached Form PTO-1449 which were not previously cited in prior application Serial No, filed on, and which is relied on for an earlier effective filing date for the subject application under 35 U.S.C. §120, are provided herewith.					
7.	$\boxtimes$		ontinuation/divisional application under 37 CFR §1.53(d) or Request for Continued Examination CFR 1.114.					
(C	Theck ei	ither Item 7a o	r7b)					

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S&H Form: (2/01)

	7a. ⊠ 7b. □	The Issue Fee has not been paid. A Petition to Withdraw from issue under 37 CFR §1.313(c) is filed concurrently herewith or has been granted. A continuation application under 37 CFR §1.53(d) or Request for Continued Examination under 37 CFR 1.114, after payment of the Issue Fee is proper in accordance with 37 CFR §1.53(d)(1)(ii) or 37 CFR 1.114(a), respectively.
8. 🗆	This is a Su	pplemental Information Disclosure Statement.
(Check eith	er Item 8a or	
	8a. 🗌	This Supplemental Information Disclosure Statement filed on A §1.97(f) supplements the Information Disclosure Statement filed on A bona fide attempt was made to comply with 37 CFR §1.98, but inadvertent omissions were made. These omissions have been corrected herein.  Accordingly, additional time is requested so that this Supplemental IDS can
	8b. 🗌	be considered as if properly filed on  This Supplemental Information Disclosure Statement is timely filed within one (1) month of the Notice under 37 CFR §1.97 and 1.98, mailed (MPEP 609 C(1), Form ¶ 6.49, Rev. 1, Feb. 2000, pp. 600-107)
9.	In accordance	e with 37 CFR §1.98, a concise explanation of what is presently understood to be the relevance of glish language publication is:
(Check an	propriate Ite	a al a m. J/ar 0d)
(Check ap)	9a. 🗌	satisfied because all non-English language publications were cited on the enclosed English language copy of the PCT International Search Report or the search report from a counterpart foreign application indicating the degree of relevance found by the foreign office. (See U.S. Patent & Trademark Office's authorization in the Federal Register, Vol. 57, No. 12, January 17, 1992, at page 2031 (Reply to Comment 68).)
	9b. 9c.	set forth in the application. satisfied because an English language translation (complete or relevant portion(s)) is attached to each non-English language publication.
	9d. 🗀	enclosed as Attachment 1(e), hereto.

- 10.No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§ 1.97(g) and (h).
- 11. The Commissioner is authorized to credit any overpayment or charge any additional fee required under 37 CFR §1.17 for this Information Disclosure Statement and/or Petition to Deposit Account No. 19-3935.

Respectfully submitted,

STAAS & HALSEY LLP

Dated: 23, 200/ 700 Eleventh Street, N.W., Suite 500

Washington, D.C. 20001 Telephone: (202) 434-1500 Facsimile: (202) 434-1501 Gene M. Garner II

Registration No. 34,172

PATENT AND TRADEMARK OFFICE	22.1921D2	Divisional of 08/014,867
LIST OF REFERENCES CITED BY APPLICANT May	RST NAMED INVENTOR layumi TOMIKAWA et al. LING DATE uly 23, 2001	GROUP ART UNIT 2163

## U.S. PATENT DOCUMENTS

S. PATENT DOCK	UMENTS	DOCUMENT	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
INITIAL		NO.	1.00	Barbic et al.			<del> </del>
	AA	4,823,306	4/89				+
	AB	4,853,871	8/89	Pantoliano et al.			<del>- </del>
	AC	4,939,666	7/90	Hardman			<del></del>
	AD	5,157,736	10/92	Boyer et al.			<del>-</del>
	AE	5,200,910	4/93	Subbiah		ļ	
	AF	5,241,470	8/93	Lee et al.			
	AG	5,263,159	11/93	Mitsui			
	AH	5,331,573	7/94	Balaji et al.			
	Al	5,410,493	4/95	Konagaya			
	AJ	5,446,798	8/95	Morita et al.			

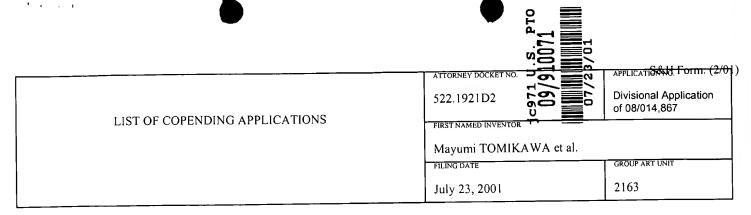
# FOREIGN PATENT DOCUMENTS

FOREIGN PATE	NI DOC	DOCUMENT			GI A GG	SUB- CLASS		LATION NO
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	AO				<del></del>	<del> </del>	<del> </del>	
	AP				<u> </u>		L	L

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

OTHER REFER	ENCES (It	icluding Author, Title, Date, Pertinent Pages, Etc.)
	TAQ	The Student Edition of MATI AR" 1992 by The MathWorks, Inc., Prentice-Hall Publishing
		Vriend and Sander, ADetection of Common Three-Dimensional Substructures in Proteins@PROTEINS: Structure, Function,
}	AR	
		and Genetics, No. 1, 1991, pages 52-56  Alexandrov, Takahashi, and Go, A Common Spatial Arrangements of Backbone Fragments in Homologous and Non-
	AS	
		A Li colorio of Protoin Conformational Data (II) The Tellin Orientation
	AT	Shoichi Sato and Toru Yao, A Homology Analysis of Potent Continuation Bate, and Toru Yao, Analysis of Potent Continuation Bate, and Toru Yao, A Homology Analysis of Potent Continuation Bate, and Toru Yao, Analysis of Po
		Discussion Meeting, November 6 - November 6, 1907, The FinderInt Students Assay (1907)
		November 8, 1987, pp. 88-92 (English Translation numbered as pp. 1-6)
	AU	Toru Kitanaka and Hideaki Umeyama, A Development of a Protein Modeling Method by Using Known Conformations@,
	ĺ	Toru Kitanaka and Hideaki Umeyama, A Development of a Protein Modeling Model of Structure-Activity The Tenth Chemistry Information Discussion Meeting, November 6 - November 8, 1987, The Fifteenth Structure-Activity The Tenth Chemistry Information Discussion Meeting, November 6, 1987, Tenglish Translation numbered as pp. 7-15)
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		Relationship Program, November 6 - November 8, 1907, pp. 3347 (Engineering and Molecular Modeling@, pp. 64, 65,
	AV	Relationship Program, November 6 - November 6, 1907, pp. 334-337 (English Program, November 6 -
		et seg (English Translation numbered as pp. 16-23)
	1 11/	Orengo, Brown, and Taylor, A Fast Structure Alignment for Protein Databank Searching@ PROTEINS: Structure, Function,
	AW	Orengo, prowin, and rayion, an account of the control of the contr
		and Genetics 14:139-167 (1992)

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in comord considered. Include copy of this form with next communication to applicant.	Harice with the Le voy, side that the g



#### ATTACHMENT 1(f)

The following, prior-filed, copending U.S. patent application(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application. A copy of the identified copending application(s) is provided pursuant to 37 CFR 1.98(a)(2)(iii), unless domestic priority thereto has been claimed under 35 USC §120, 37 CFR §1.98(d).

It is requested that the Examiner acknowledge his consideration of application(s) below-listed by initialling same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information

EXAMINER INITIAL		U.S. SERIAL NO.	FILING DATE	NAME	ASSIGNEE	Domestic Priority Claimed?
	1	08/014,867	February 8, 1993	Mayumi TOMIKAWA et al.	FUJITSU LIMITED	
	2					
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is being filed.

## U.S. PATENT APPLICATION DOCUMENTS

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in confo not considered. Include copy of this form with next communication to applicant.	rmance with MPEP 609; Draw line through citation if not in conformance and